Docket No. MAJKP128US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ກ re patent a∯blication of

Applicant: Dipl.-Ing. Daniel Supper

Application No.: 10/811,112 Filed: March 26, 2004

For: METHOD FOR PRODUCING A VERTICALLY EMITTING LASER

INFORMATION DISCLOSURE STATEMENT

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention	is
directed to the patents, pending applications, publications and other information listed on the attached PTC)-
1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) thos	e
previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:	or

Serial No.:	
Filing Date:	

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise. In addition, the submission of any reference on the attached PTO-1449 does not constitute an admission that such reference is available prior art.

- 2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):
 - (a) ____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
 - (b) ___ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".
 - 3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):
 - (a) Within 3 months of the filing date or date of entry into the National Stage.
 - (b) X Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1733 for consideration of this Statement.
 - (c) ____ Before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. 1.114.

(d)	After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
(1)	_ The required certification is given below, or
(2)	Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
(3)	_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1733
(e)	After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
(1)	_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
(2)	Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1733.
4. Certifica	tion (if applicable)
(a)	The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
(b)	The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.
	nmissioner is hereby authorized to charge any additional fees or credit any overpayment to int No. 50-1733.
	Respectfully Submitted,
	ESCHWEILER & ASSOCIATES, LLC
	By Thomas G. Eschweiler Registration No. 36,981
National City E 629 Euclid Ave Cleveland, Oh (216) 502-060	Bank Building enue, Suite 1210 io 44114
	CERTIFICATE OF MAILING
deposited with the	certify that this paper (along with any paper or item referred to as being attached or enclosed) is being a United States Postal Service on the date shown below with sufficient postage as first-class mail in an sed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Date: August 4	, 2004 Christine Gillroy

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of 1995 no persons are required MADEMARK Complete If Known Substitute for Form 1449A/PTO **Application Number** 10/811,112 **Filing Date** March 26, 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT **First Named Inventor** Dipl.-Ing. Daniel Supper Group Art Unit (use as many sheets as necessary) Examiner Name 2811 MAIKP128US Attorney Docket No.

	U.S. PATENT DOCUMENTS							
		U.S. Patent Document		Name of Patentee or	Date of Pub. of			
Exam. Initials*	Cite No.1	Number	Kind Code ² (if known)	Applicant of Cited Doc.	Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Exam. Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	"Transverse Mode Selection in Large-Area Oxide-Confined Vertical-Cavity Surface-Emitting Lasers Using a Shallow Surface Relief", H. MARTINSSON, J.A. VUKUSIC, M. GRABHERR, M. MICHALZIK, R. JÄGER, K.J. EBELING, and A. LARSSON, IEEE Photonics Technology Letter, Vol. 11, No. 12, December 1999, pgs. 1536-1538.	
	СВ	"Increased-area oxidized single-fundamental mode VCSEL with self-aligned shallow etched surface relief", H.J. UNOLD, M. GRABHERR, F. EBERHARD, F. MEDERER, R. JÄGER, M. RIEDL, and K.J. EBELING, Electronics Letters, 5 th August 1999, Vol. 35, No. 16, pgs. 1340-1341.	
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US and Foreign Patent Documents: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6Applicant is to place a check mark here if English language Translation is attached.

Other Prior Art/Non-Patent Literature Documents: 1 Unique citation designation number. 2 Applicant is to place a check mark here if English Translation is attached.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.